

<b>FORM 1449*</b> <b>SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT</b>  <b>IN AN APPLICATION</b>  (Use several sheets if necessary)	Docket Number: GUID.606PA	Application Number: 10/784,478
	Applicant: HAEFNER	
	Filing Date: 02/23/2004	Group Art Unit: 3762

U.S. PATENT DOCUMENTS						
EXAMINER INITIAL	DOCUMENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	4674518	06/23/1987	Salo			
	5058583	10/22/1991	Geddes			
	5117824	06/02/1992	Keimel			
	5176137	01/05/1993	Erickson			
	5318597	06/07/1994	Hauck et al.			
	5330505	07/19/1994	Cohen			
	5334222	08/02/1994	Salo et al.			
	5342404	08/30/1994	Alt et al.			
	5417714	05/23/1995	Levine et al.			
	5449652	09/12/1995	Swartz			
	5464434	11/07/1995	Alt			
	5540727	07/30/1996	Tockman et al.			
	5545186	08/13/1996	Olson et al.			
	5556421	09/17/1996	Prutchi et al.			
	5601611	02/11/1997	Fayram			
	5836987	11/17/1998	Baumann et al.			
	5855593	01/05/1999	Olson et al.			
	6026320	02/15/2000	Carlson et al.			
	6115628	09/05/2000	Stadler et al.			
	6122536	09/19/2000	Sun et al.			
	6141581	10/31/2000	Olson et al.			
	6144879	11/07/2000	GRAY			
	6198952	03/06/2001	Miesel			
	6208888	03/27/2001	Yonce			
	6221011	04/24/2001	Bardy			
	6227072	05/08/2001	Ritchey et al.			
	6259947	07/10/2001	Olson et al.			
	6270457	08/07/2001	Bardy			
	6277072	08/21/2001	Bardy			

EXAMINER	DATE CONSIDERED
EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form for next communication to the Applicant.	

<b>FORM 1449*</b> <b>SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT</b>  <b>IN AN APPLICATION</b>  (Use several sheets if necessary)	Docket Number: GUID.606PA	Application Number: 10/784,478
	Applicant: HAEFNER	
	Filing Date: 02/23/2004	Group Art Unit: 3762

6280380	08/28/2001	Bardy			
6285907	09/04/2001	Kramer et al.			
6312378	11/06/2001	Bardy			
6336903	01/08/2002	Bardy			
6358203	03/19/2002	Bardy			
6368284	04/09/2002	Bardy			
6371922	04/16/2002	Baumann et al.			
6398728	06/04/2002	Bardy			
6411848	06/25/2002	Kramer et al.			
6424865	07/23/2002	Ding			
6438406	08/20/2002	Yonce			
6440066	08/27/2002	Bardy			
6440082	8/27/2002	Joo			
6459929	10/01/2002	Hopper et al.			
6477406	11/5/2002	Turcott			
6487443	11/26/2002	Olson et al.			
6496715	12/17/2002	Lee et al.			
6496721	12/17/2002	Yonce			
6505067	01/07/2003	Lee et al.			
6542775	04/01/2003	Ding et al.			
6597951	07/22/2003	Kramer et al.			
6643540	11/04/2003	Yonce			
6650940	11/18/2003	Zhu et al.			
6684101	01/27/2004	Daum			
6701170	03/02/2004	Stetson			
6925325	08/02/2005	Yonce			
6950694	09/27/2005	Yonce			
7218966	05/15/2007	Haefner			
7715916	05/11/2010	Haefner			
7302294	11/27/2007	Kamath et al.			
20020085741	07/04/2002	Shimizu			
20020107552	08/08/2002	Gilkerson et al.			
20020136328	09/26/2002	Shimizu			

EXAMINER	DATE CONSIDERED
EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form for next communication to the Applicant.	

<b>FORM 1449*</b> <b>SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT</b>  <b>IN AN APPLICATION</b>  (Use several sheets if necessary)	Docket Number: GUID.606PA	Application Number: 10/784,478
	Applicant: HAEFNER	
	Filing Date: 02/23/2004	Group Art Unit: 3762

	20020147474	10/10/2002	Morris et al.			
	20030060723	03/27/2003	Joo et al.			
	20030204146	10/30/2003	Carlson			
	20040111021	06/10/2004	Olson			
	20040172066	09/02/2004	Wagner et al.			
	20040220633	11/04/2004	Wagner et al.			
	20040230230	11/18/2004	Lindstrom			
	20040260522	12/23/2004	Albera			
	20050010120	01/13/2005	Jung			
	20050119708	06/02/2005	Haefner			

## FOREIGN PATENT DOCUMENTS

	DOCUMENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO
	EP0488512	6/3/1992	EP				
	WO03003905	1/16/03	WO				
	WO03020367	3/13/2003	WO				
	WO199217240	10/15/92	WO				

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

	11/1998	Belouchrani et al., Blind Source Separation Based on Time-Frequency Signal Representations, IEEE Transactions on Signal Processing, Vol. 46, No. 11, pp. 2888-2897, Nov. 1998.
	04/1994	Comon, Independent component analysis, A new concept?, Signal Processing, Vol. 36, No. 3, pp. 287-314, Apr. 1994.
	10/2002	Gallois et al., Multi-Channel Analysis of the EEG Signals and Statistic Particularities for Epileptic Seizure Forecast, Second Joint EMBS/BMES Conference, pp. 208-215, Oct. 23-26, 2002.
	04/1999	Hyvärinen et al., Independent Component Analysis: A Tutorial, Helsinki Univ. of Technology, April 1999.
	05/1997	Krhn et al., Recurrent syncope. Experience with an implantable loop record. Cardiol. Clin., Vol. 15(2), May 1997, pp.316-326.
	2000	Rieta, et al., Atrial Activity Extraction Based on Blind Source Separation as an Alternative to QRST Cancellation for Atrial Fibrillation Analysis, Computers in Cardiology, Vol. 27, pp. 69-72, 2000.
	06/2001	Smits et al., Defibrillation Threshold (DFT) Model of a Fully Subcutaneous ICD System, Europace Supplements, Vol. 2, June 2001 at column 778, page B83.
	09/1999	Zarzoso et al., Blind Separation of Independent Sources for Virtually Any Source Probability Density Function, IEEE Transactions on Signal Processing, Vol. 47, No. 9, pp. 2419-2432, Sept. 1999.
	01/2001	Zarzoso et al., Noninvasive Fetal Electrocardiogram Extraction: Blind Separation Versus Adaptive Noise Cancellation, IEEE Transactions on Biomedical Engineering, Vol. 48, No. 1, pp. 12-18, Jan. 2001.
	08/07/2006	Office Action dated 08/07/2006 from patent application no. 10/804,471, 15 pages.

EXAMINER	DATE CONSIDERED
EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form for next communication to the Applicant.	

<b>FORM 1449*</b> <b>SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT</b>  <b>IN AN APPLICATION</b>  (Use several sheets if necessary)	Docket Number: GUID.606PA	Application Number: 10/784,478
	Applicant: HAEFNER	
	Filing Date: 02/23/2004	Group Art Unit: 3762

11/07/2006	Office Action Response submitted 11/07/2006 to office action dated 08/07/2006 from patent application no. 10/804,471, 14 pages.
01/03/2007	Notice of Allowance dated 01/03/2007 from patent application no. 10/804,471, 7 pages.
08/27/2009	Office Action dated 08/27/2009 from patent application no. 11/803,548, 9 pages.
10/20/2009	Office Action Response submitted 10/20/2009 to office action dated 08/27/2009 from patent application no. 11/803,548, 10 pages.
12/11/2009	Notice of Allowance dated 12/11/2009 from patent application no. 11/803,548, 7 pages.
05/09/2006	Office Action dated 05/09/2006 from patent application no. 10/817,749, 23 pages.
10/10/2006	Office Action Response submitted 10/10/2006 to office action dated 05/09/2006 from patent application no. 10/817,749, 22 pages.
03/20/2007	Office Action dated 03/20/2007 from patent application no. 10/817,749, 23 pages.
05/21/2007	Office Action Response submitted 05/21/2007 to office action dated 03/20/2007 from patent application no. 10/817,749, 16 pages.
07/12/2007	Notice of Allowance dated 07/12/2007 from patent application no. 10/817,749, 8 pages.
03/10/2010	Restriction dated 03/10/2010 from patent application no. 11/975,040, 6 pages.
05/10/2010	Restriction Response submitted 05/10/2010 to restriction dated 03/10/2010, 6 pages.
11/23/2004	International Search Report from International application no. PCT/US/2004/010917 dated 11/23/2004, 12 pages.
10/27/2005	International Preliminary Report on Patentability from International application no. PCT/US2004/010917 dated 10/27/2005, 13 pages.
03/31/2009	Office Action dated 03/31/2009 from JP2006-509836, 6 pages.
09/16/2009	Office Action Response submitted 09/16/2009 from JP2006-509836, 13 pages.
05/11/2010	Notice of Allowance dated 05/11/2010 from JP2006-509836, 2 pages.

EXAMINER	/Michael Kahelin/	DATE CONSIDERED	09/17/2010
EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form for next communication to the Applicant.			